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| FORM PTO-1390<br>MODIFIED   | U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE | ATTORNEY'S DOCKET NUMBER<br><b>608-474</b>  |
| <b>TRANSMITTAL LETTER TO THE UNITED STATES<br/>DESIGNATED/ELECTED OFFICE (DO/EO/US)<br/>CONCERNING A FILING UNDER 35 U.S.C. 371</b>   |   | U.S. APPLICATION NO. (If known, see 37 C.F.R. 1.5)<br><b>10/563920</b><br><small>Unassigned</small> |
| INTERNATIONAL APPLICATION NO.<br><b>PCT/GB2004/002686</b>   | INTERNATIONAL FILING DATE<br><b>23 June 2004</b>        | PRIORITY DATE CLAIMED<br><b>17 July 2003</b>  |
| TITLE OF INVENTION<br><b>CATALYST AND PROCESS FOR THE PRODUCTION OF ACETIC ACID</b>   |   |   |
| APPLICANT(S) FOR DO/EO/US<br><b>HAYNES et al</b>  |   |   |
| <p>Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:</p> <ol style="list-style-type: none"> <li>1. <input checked="" type="checkbox"/> This is a <b>FIRST</b> submission of items concerning a submission under 35 U.S.C. 371.</li> <li>2. <input type="checkbox"/> This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a submission under 35 U.S.C. 371.</li> <li>3. <input checked="" type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f). The submission must include items (5), (6), (9) and (21) indicated below.</li> <li>4. <input type="checkbox"/> The U.S. has been elected (Article 31).</li> <li>5. A copy of the International Application as filed (35 U.S.C. 371(c)(2).             <ol style="list-style-type: none"> <li>a. <input checked="" type="checkbox"/> is attached hereto (20 pages specification, claims &amp; abstract (24 claims), 0 sheets drawings).</li> <li>b. <input type="checkbox"/> has been communicated by the International Bureau.</li> <li>c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US).</li> </ol> </li> <li>6. <input type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(3)             <ol style="list-style-type: none"> <li>a. <input type="checkbox"/> is attached hereto (        pages specification, claims &amp; abstract (        claims),        sheets drawings,        page Certificate of Translation).</li> <li>b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4).</li> </ol> </li> <li>7. <input type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)             <ol style="list-style-type: none"> <li>a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau).</li> <li>b. <input type="checkbox"/> have been communicated by the International Bureau.</li> <li>c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has <b>NOT</b> expired.</li> <li>d. <input type="checkbox"/> have not been made and will not be made.</li> </ol> </li> <li>8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3).</li> <li>9. <ol style="list-style-type: none"> <li>a. <input type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4).</li> <li>b. <input checked="" type="checkbox"/> Declaration was submitted to the International Bureau during International Phase (see copies of Declaration (2 page Form PCT/RO/101 and Form PCT/IB/371 and first page of printed publication acknowledging receipt thereof attached).</li> </ol> </li> <li>10. <input type="checkbox"/> An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5).</li> </ol> <p><b>Items 11 To 20 below concern document(s) or information included:</b></p> <ol style="list-style-type: none"> <li>11. <input checked="" type="checkbox"/> An Information Disclosure Statement under 37 C.F.R. 1.97 and 1.98.</li> <li>12. <input checked="" type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 C.F.R. 3.28 and 3.31 is included.</li> <li>13. <ol style="list-style-type: none"> <li>a. <input checked="" type="checkbox"/> A FIRST preliminary amendment.</li> <li>b. <input type="checkbox"/> A SECOND or SUBSEQUENT preliminary amendment.</li> </ol> </li> <li>14. <input type="checkbox"/> An Application Data Sheet under 37 C.F.R. § 1.76.</li> <li>15. <input type="checkbox"/> A substitute specification.</li> <li>16. <input type="checkbox"/> A change of power of attorney and/or address letter.</li> <li>17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821-1.825.</li> <li>18. <input type="checkbox"/> A second copy of the published international application under 35 U.S.C. 154(d)(4).</li> <li>19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).</li> <li>20. <input checked="" type="checkbox"/> Other items or information. Recordation Form Cover Sheet w/exec. Assignment (3 pgs); PCT/IB/304; Int'l Search Report w/refs.</li> </ol> |   |   |

IAP20 RECEIVED 10 JAN 2006

|  |                          |   |            |  |                           |
|--|--------------------------|---|------------|--|---------------------------|
| U.S. APPLICATION NO. <b>Unassigned 263920</b>  |                          | INTERNATIONAL APPLICATION NO.<br><b>PCT/GB2004/002686</b>                     |            | ATTORNEY'S DOCKET NUMBER<br><b>608-474</b> |                           |
| <input checked="" type="checkbox"/> The following fees are submitted:  |                          |   |            |  |                           |
| <b>BASIC NATIONAL FEE (37 C.F.R. 1.492(a)(1)-(5):</b>  |                          |   |            |  |                           |
| 21. <input checked="" type="checkbox"/>  | Basic national fee ..... |   |            | \$300.00 (1631)/\$150.00 (2631)            | \$ 300.00                 |
| 22. <input checked="" type="checkbox"/>  | Examination Fee .....    |   |            | \$0 (1643/2643)                            |                           |
|  |                          |   |            | \$200.00 (1633)/\$100.00 (2633)            | \$ 200.00                 |
| 23. <input checked="" type="checkbox"/>  | Search Fee .....         |   |            | \$0 (1640/2640)                            |                           |
|  |                          |   |            | \$100 (1641)/\$50 (2641)                   |                           |
|  |                          |   |            | \$400 (1642)/\$200 (2642)                  |                           |
|  |                          |   |            | \$500.00 (1632)/\$250.00 (2632)            | \$ 400.00                 |
| <b>TOTAL OF ABOVE CALCULATIONS</b>   |                          |   |            |  | \$ 900.00                 |
| <input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.   |                          |   |            |  |                           |
| Total Sheets   | Extra Sheets             | Number of each additional 50 or fraction thereof (round up to a whole number) |            | RATE                                       |                           |
| 20   | -100                     | 0   | /50 = 0.00 | \$0.00 (1681)                              | \$ 0.00                   |
|  |                          |   |            | \$0.00 (2681)                              |                           |
| Surcharge of \$130.00 (1617)/\$65.00 (2617) for furnishing the oath or declaration later than <input type="checkbox"/> 30 months from the earliest claimed priority date (37 C.F.R. 1.492(e)).   |                          |   |            |  | \$ -0.00                  |
| CLAIMS   |                          | NUMBER FILED  | # EXTRA    | RATE                                       |                           |
| Total Claims   | 26                       | minus 20 =  | 6 X        | \$50.00 (1615)/                            | \$25.00 (2615)            |
|  |                          |   |            |  | \$ 300.00                 |
| Independent Claims   | 1                        | minus 3 =   | 0 X        | \$200.00 (1614)                            | \$100.00 (2614)           |
|  |                          |   |            |  | \$ 0.00                   |
| MULTIPLE DEPENDENT CLAIMS(S) (if applicable)   |                          |   |            | \$360.00 (1616)/\$180.00 (2616)            |                           |
|  |                          |   |            | \$ 0.00                                    |                           |
| Petition is hereby made to extend the current due date so as to cover the filing date of this paper and attachment(s): One Month Extension \$120.00 (1251)/\$60.00 (2251); Two Month Extensions \$450.00 (1252)/\$225.00 (2252); Three Month Extensions \$1020.00 (1253)/\$510.00 (2253); Four Month Extensions \$1590.00 (1254)/\$795.00 (2254) |                          |   |            |  |                           |
|  |                          |   |            | \$ 0.00                                    |                           |
| <input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27.  |                          |   |            |  |                           |
| Processing fee of \$130.00 (1618), for furnishing the English Translation later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 C.F.R. 1.492(f)).  |                          |   |            |  |                           |
|  |                          |   |            | + 0.00                                     |                           |
| <b>TOTAL NATIONAL FEE =</b>  |                          |   |            |  | \$ 1200.00                |
| Fee for recording the enclosed assignment (37 C.F.R. 1.21(h). The assignment must be accompanied by an appropriate cover sheet (37 C.F.R. 3.28, 3.31). \$40.00 (8021) per property   |                          |   |            |  |                           |
|  |                          |   |            | + 40.00                                    |                           |
| Fee for Petition to Revive Unintentionally Abandoned Application; \$1500.00 (1453) / \$750.00 (2453)   |                          |   |            |  | \$ 0.00                   |
| <b>TOTAL FEES ENCLOSED =</b>   |                          |   |            |  | \$ 1240.00                |
|  |                          |   |            |  | Amount to be refunded: \$ |
|  |                          |   |            |  | Amount to be Charged: \$  |
| U.S. Application No. Unassigned; Atty Docket No. 608-474   |                          |   |            |  |                           |

a. ☐ A check in the amount of \$1240.00 to cover the above fees is enclosed.

- b. ☐ Please charge my Deposit Account No. 14-1140 in the amount of \$ \_\_\_\_\_ to cover the above fees. A duplicate copy of this form is enclosed.
- c. ☒ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 14-1140. A duplicate copy of this form is enclosed.
- d. ☒ **CREDIT CARD PAYMENT FORM ATTACHED.**
- e. ☒ The entire content of International Application No. PCT/GB2004/002686 and any U.S. and foreign application(s) corresponding thereto, and 0316756.6, referred to in this application is/are hereby incorporated by reference in this application.

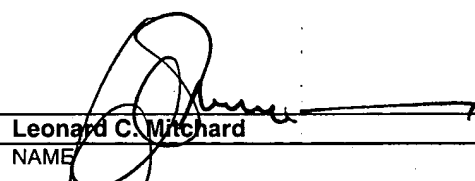
**NOTE:** Where an appropriate time limit under 37 C.F.R. 1.494 or 1.495 has not been met, a petition to revive (37 C.F.R. 1.137(a) or (b) must be filed and granted to restore the application to pending status.

**CORRESPONDENCE ADDRESS**

Direct all correspondence to:

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**Leonard C. Mitchard**

NAME

**29,009**

REGISTRATION NUMBER

**January 10, 2006**

Date